

Abstract

A detector for a base station of a radio-operated
5 telecommunication system is described. In the
telecommunication system, a mobile unit can generate and
transmit a signal which is provided as an access request
by the mobile unit to the base station. In addition, in
the telecommunication system, the signal can be received
10 by the base station and the application request
recognized. The signal received by the base station is
based on a Hadamard transform. In addition, the detector
is suitable for application of the Hadamard transform.

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